

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 1.28**WELDING INSPECTION REPORT****Resident Engineer:** Casey, William**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-029610**Date Inspected:** 18-Apr-2013**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1730**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** S.A.S. Job site**CWI Name:** N / A**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** S.A.S. Structure**Summary of Items Observed:**

The Caltrans Quality Assurance Inspector (QAI), Scott Croff, was present at the Self Anchored Span (SAS) job site to observe the scheduled fabrication and welding of components for the SFOBB project.

The QAI reviewed contract documents at pier 7. The QAI used approved weekly welding report submittals and cross referenced the welding and inspection status as reported with QA records to identify the overall weld status. The QAI continued reviewing the contractor's reports and referencing the Requests for Weld Repair (RWRs) in order to determine the status of completion of the repairs. The QAI completed reviewing welding report packages 157, 158 and 159, for conformance with the contract requirements. The QAI relayed the review comments to the contractor's personnel for corrections and submittal.

The QAI was tasked with checking on the Pier E2 Anchor Bolt Acoustic Emission Monitoring System (AES). The AES was checked through-out the day and was functioning at the end of the shift. The QAI also conducted remote visual examination of anchor bolt holes where broken bolts have been removed. The QAI noted that there was a small amount of water located in one of the holes and was attempting to recover the water. This work was in progress at the end of the shift.

* The QAI also worked on the 04-0120S4 project during the time listed on this report, the hours worked will be respectively charged and the work reported to the contract.

Summary of Conversations:

The QAI relayed the status of the document / submittal reviews and E2 work to the QAI Lead Danny Reyes. Except as described above, there were no other notable conversations.

WELDING INSPECTION REPORT

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Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Gary Thomas, (916) 764-6027, who represents the Office of Structural Materials for your project.

Inspected By:	Croff, Scott	Quality Assurance Inspector
Reviewed By:	Reyes, Danny	QA Reviewer
